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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/524,558

02/14/2005

Frank Bosse

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EXAMINER

THROWER, LARRY W

ART UNIT

PAPER NUMBER

1791

MAIL DATE

DELIVERY MODE

12/08/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/524,558	Applicant(s) BOSSE, FRANK	
	Examiner LARRY THROWER	Art Unit 1791	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,4-9 and 11 is/are pending in the application.
- 4a) Of the above claim(s) 6-9 and 11 is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1,4 and 5 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Response to Amendment

Amendments to the specification:

1. The amendment filed November 5, 2008 is objected to under 35 U.S.C. 132(a) because it introduces new matter into the disclosure. 35 U.S.C. 132(a) states that no amendment shall introduce new matter into the disclosure of the invention. The added material which is not supported by the original disclosure is as follows:
2. "Further scope of applicability of the present invention will become apparent from the detailed description given hereinafter. However, it should be understood that the detailed description and specific examples, while indicating preferred embodiments of the invention, are given by way of illustration only, since various changes and modifications within the spirit and scope of the invention will become apparent to those skill in the art from the detailed description."
3. "The invention being thus described, it will be apparent that the same may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the invention, and all such modifications as would be recognized by one skilled in the art are intended to be included within the scope of the following claims."

Applicant is required to cancel the new matter in the reply to this Office Action.

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Amendments to the claims:

4. Claims 1, 4-9 and 11 were amended. Claims 2-3 and 10 were canceled. No new matter was added to the claims.

Election/Restrictions

5. Amended claims 6-9 and 11 are now directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: the claims were originally process claims, and have now been amended to claim the apparatus for its practice.

6. Restriction is required under 35 U.S.C. 121 and 372.

This application now contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

- I. Claims 1 and 4-5, drawn to a process for the preparation of sheets, classified in class 264, subclass 146.
- II. Claims 6-9 and 11, drawn to an apparatus for the preparation of sheets, classified in class 425, subclass 308.

7. The inventions listed as Groups I and II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

The common technical feature in both groups is extruding a film tube, laying the extruded film tube flat, cutting the flattened film tube in a conveying direction thereof to

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provide a first and a second sheet, squeezing the first and second sheets, and performing a reversing operation such that parts of the surfaces of at least one of the sheets come into contact, the surfaces that come into contact with each other being those that formed an interior surface of the film tube. This cannot be a special technical feature under PCT Rule 13.2, because the elements are known in the prior art.

Dellbruegge (DE 19501668; paragraph references to the machine translation) discloses extruding a film tube (10; ¶2), laying the extruded film tube flat (¶2), cutting the flattened film tube in a conveying direction thereof to provide a first and second sheet (¶5, fig. 1), squeezing the first and second sheets (¶2; squeeze rollers 16), and performing a reversing operation such that parts of the surface of at least one of the sheets come into contact (figure 1), the surfaces that come into contact with each other being those that formed an interior surface of the film tube (the interior surfaces come into indirect contact with each other as the interior side of one sheet is laid on the exterior side of the other sheet as they are transported through a reversing device (30, 32, 34, 36)).

8. Since applicant has received an action on the merits for the originally presented Invention I, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 6-9 and 11 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

10. **Claims 1 and 4** are rejected under 35 U.S.C. 102(b) as being anticipated by Dellbruegge (DE 19501668; paragraph references to the machine translation).

- Regarding **claim 1**, Dellbruegge discloses a process for the preparation of sheets (¶1; fig. 1). The process includes extruding a film tube (10; ¶2), laying the extruded film tube flat (¶2), cutting the flattened film tube in a conveying direction thereof to provide a first and second sheet (¶5, fig. 1), squeezing the first and second sheets (¶2; squeeze rollers 16), and performing a reversing operation such that parts of the surface of at least one of the sheets come into contact (figure 1), the surfaces that come into contact with each other being those that formed an interior surface of the film tube (note: the interior surfaces come into indirect contact with each other as the interior side of one sheet is laid on the exterior side of the other sheet as they are transported through a reversing device (30, 32, 34, 36)).
- Regarding **claim 4**, Dellbruegge discloses the sheets being prepared with at least one sticky surface by extruding the film tube with at least one sticky outer surface (¶5).

Claim Rejections - 35 USC § 103

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

12. **Claims 1 and 4-5** are rejected under 35 U.S.C. 103(a) as being unpatentable over Hoene *et al.* (US 2002/0048617) in view of Dellbruegge (DE 19501668; paragraph references to the machine translation).

- Regarding **claim 1**, Hoene *et al.* discloses a process for the preparation of tube webs (abstract). The process includes extruding a film tube (§28), laying the extruded film tube flat (§28), and squeezing the film tube (abstract; figure; squeezing rolls 9), and performing a reversing operation such that the inner parts of the surfaces of the film tube come into contact, the surfaces that come into contact with each other being those that formed an interior surface of the film tube (figure).
- Hoene *et al.* fails to disclose the flattened film tube being cut in a conveying direction to provide a first and second sheet. However, Dellbruegge discloses a process for the preparation of sheets which includes extruding a film tube (10; ¶2), laying the film tube flat and squeezing it (¶2; squeeze rollers 16), cutting the extruded film tube in the conveying direction of the tube to provide first and second sheets (¶5; fig. 1), and reversing the cut sheets (fig. 1). As taught by Dellbruegge, arranging knives on opposite sides of the film tube allows the flattened tube to be cut such that two sheets are formed (¶5). Thus, it would have been obvious to one of ordinary skill in

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the art at the time the invention was made to have modified the process of preparing tube webs of Hoene *et al.* with the knives of Dellbruegge to slit the film tube such that two sheets are formed.

- Regarding **claim 4**, Dellbruegge discloses the sheets being prepared with at least one sticky surface by extruding the film tube with at least one sticky outer surface (¶5).
- Regarding **claim 5**, Dellbruegge discloses the film tube having a sticky external surface (¶5), and Hoene *et al.* discloses that during the reversing operation only surfaces of the web that had formed the internal surface of the film tube contact each other (figure).

Response to Arguments

13. Applicant's arguments filed November 5, 2008 have been fully considered but they are not persuasive.

- Applicant argues that the novelty of the claimed invention lies in the step of placing the surfaces that had formed an interior surface of the film tube into contact with each other. This argument has been considered but is not persuasive. Dellbruegge also includes the step of placing the surfaces that had formed an interior surface of the film tube into contact with each other. The interior surfaces come into indirect contact with each other as the interior side of one sheet is laid on the exterior side of the other sheet as they are transported through a reversing device (30, 32, 34, 36)). Thus, Applicant has failed to distinguish the language of the claims over the

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teachings of the prior art. Moreover, Hoene *et al.* in view of Dellbruegge render this feature obvious, as discussed above.

Conclusion

14. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LARRY THROWER whose telephone number is 571-270-5517. The examiner can normally be reached on Monday through Friday from 9:30AM-6PM est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christina A. Johnson can be reached on 571-272-1176. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Larry Thrower/
Examiner, Art Unit 1791

/Christina Johnson/

Supervisory Patent Examiner, Art Unit 1791